



# ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-2829

PAT QUINN, GOVERNOR

LISA BONNETT, DIRECTOR

Voice: (217) 278-5800

FAX: (217) 278-5808

May 8, 2014

Ron Welk  
Vice President of Development and Operations  
Clinton Landfill, Inc.  
4700 North Sterling Drive  
Peoria, Illinois 61615-3647

Re: LPC#0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
Compliance File

Dear Mr. Welk:

On April 28, 2014 an inspection of the above referenced site was conducted by Dustin Burger representing the Illinois Environmental Protection Agency. The purpose of this inspection was to determine the site's compliance with the Illinois Environmental Protection Act and 35 Illinois Administrative Code G regulations.

No violations were noted at the time of this inspection. For your information, a copy of the inspection report is enclosed.

Please contact Dustin Burger at (217) 278-5800 if you have any questions regarding this inspection.

Sincerely,

A handwritten signature in black ink, appearing to read "P. Purseglove", written over a horizontal line.

Paul M. Purseglove, Manager  
Field Operations Section  
Bureau of Land

Enclosure



10.	21(o)	<b>CONDUCT A SANITARY LANDFILL OPERATION WHICH RESULTS IN ANY OF THE FOLLOWING CONDITIONS:</b>	
	(1)	Refuse in Standing or Flowing Water	<input type="checkbox"/>
	(2)	Leachate Flows Entering Waters of the State	<input type="checkbox"/>
	(3)	Leachate Flows Exiting the Landfill Confines	<input type="checkbox"/>
	(4)	Open Burning of Refuse in Violation of Section 9 of the Act	<input type="checkbox"/>
	(5)	Uncovered Refuse Remaining From Any Previous Operating Day or at the Conclusion of Any Operating Day	<input type="checkbox"/>
	(6)	Failure to Provide Final Cover Within Time Limits	<input type="checkbox"/>
	(7)	Acceptance of Wastes Without Necessary Permits	<input type="checkbox"/>
	(8)	Scavenging as Defined by Board Regulations	<input type="checkbox"/>
	(9)	Deposition of Refuse in Any Unpermitted Portion of the Landfill	<input type="checkbox"/>
	(10)	Acceptance of Special Waste Without a Required Manifest	<input type="checkbox"/>
	(11)	Failure to Submit Reports Required by Permits or Board Regulations	<input type="checkbox"/>
	(12)	Failure to Collect and Contain Litter by the End of each Operating Day	<input type="checkbox"/>
	(13)	Failure to Submit Any Cost Estimate, Performance Bond or Other Security	<input type="checkbox"/>
11.	21(t)	<b>CAUSE OR ALLOW A LATERAL EXPANSION OF A MUNICIPAL SOLID WASTE LANDFILL (MSWLF) UNIT WITHOUT A PERMIT MODIFICATION</b>	<input type="checkbox"/>
12.	21.6(b)	<b>ACCEPTANCE OF LIQUID USED OIL FOR FINAL DISPOSAL (EFFECTIVE JULY 1, 1996)</b>	<input type="checkbox"/>
13.	22.01	<b>FAILURE TO SUBMIT ANNUAL NONHAZARDOUS SPECIAL WASTE</b>	<input type="checkbox"/>
14.	22.17	<b>LANDFILL POST-CLOSURE CARE</b>	
	(a)	Failure to Monitor Gas, Water, Settling	<input type="checkbox"/>
	(b)	Failure to Take Remedial Action	<input type="checkbox"/>
15.	22.22(c)	<b>ACCEPTANCE OF LANDSCAPE WASTE FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
16.	22.23(f)(2)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY LEAD-ACID BATTERY</b>	<input type="checkbox"/>
17.	22.28(b)	<b>ACCEPTANCE OF WHITE GOODS FOR FINAL DISPOSAL</b>	<input type="checkbox"/>
18.	55(b)(1)	<b>ACCEPTANCE OF ANY USED OR WASTE TIRE FOR FINAL DISPOSAL (UNLESS LANDFILL MEETS EXEMPTION OF 55(b)(1))</b>	<input type="checkbox"/>
19.	56.1(a)	<b>CAUSE OR ALLOW THE DISPOSAL OF ANY POTENTIALLY INFECTIOUS MEDICAL WASTE</b>	<input type="checkbox"/>
<b>SOLID WASTE SITE OPERATOR CERTIFICATION LAW REQUIREMENTS</b>			
20.	225 ILCS 230/1004	<b>CAUSING OF ALLOWING OPERATION OF A LANDFILL WITHOUT PROPER COMPETENCY CERTIFICATE</b>	<input type="checkbox"/>
<b>35 ILLINOIS ADMINISTRATIVE CODE REQUIREMENTS SUBTITLE G</b>			
<b>PRIOR CONDUCT CERTIFICATION REQUIREMENTS</b>			
21.	745.181	<b>CHIEF OPERATOR REQUIREMENTS</b>	<input type="checkbox"/>
22.	745.201	<b>PRIOR CONDUCT CERTIFICATION PROHIBITIONS</b>	<input type="checkbox"/>
<b>SPECIAL WASTE HAULING REQUIREMENTS</b>			
23.	809.301	<b>REQUIREMENTS FOR DELIVERY OF SPECIAL WASTE TO HAULERS</b>	<input type="checkbox"/>

24.	809.302(a)	REQUIREMENTS FOR ACCEPTANCE OF SPECIAL WASTE FROM HAULERS	<input type="checkbox"/>
25.	809.501	MANIFESTS, RECORDS, ACCESS TO RECORDS, REPORTING REQUIREMENTS AND FORMS	
	(a)	Delivery of Special Waste to Hauler	<input type="checkbox"/>
	(e)	Retention of Special Waste Manifests	<input type="checkbox"/>
<b>NEW SOLID WASTE LANDFILL REQUIREMENTS</b>			
	<b>PART 811 SUBPART</b>	<b>GENERAL STANDARDS FOR ALL LANDFILLS</b>	
26.	811.103	<b>SURFACE WATER DRAINAGE</b>	
	(a)	Runoff from Disturbed Areas	<input type="checkbox"/>
	(b)	Diversion of Runoff from Undisturbed Areas	<input type="checkbox"/>
27.	811.104	<b>SURVEY CONTROL</b>	
	(a)	Boundaries Surveyed and Marked	<input type="checkbox"/>
	(b)	Stakes and Monuments Marked	<input type="checkbox"/>
	(c)	Stakes and Monuments Inspected	<input type="checkbox"/>
	(d)	Control Monument Established and Maintained	<input type="checkbox"/>
28.	811.105	<b>COMPACTION</b>	<input type="checkbox"/>
29.	811.106	<b>DAILY COVER</b>	
	(a)	Six Inches Soil	<input type="checkbox"/>
	(b)	Alternative Daily Cover	<input type="checkbox"/>
30.	811.107	<b>OPERATING STANDARDS</b>	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Work Face Size and Slope	<input type="checkbox"/>
	(c)	Equipment	<input type="checkbox"/>
	(d)	Utilities	<input type="checkbox"/>
	(e)	Maintenance	<input type="checkbox"/>
	(f)	Open Burning	<input type="checkbox"/>
	(g)	Dust Control	<input type="checkbox"/>
	(h)	Noise Control	<input type="checkbox"/>
	(i)	Vector Control	<input type="checkbox"/>
	(j)	Fire Protection	<input type="checkbox"/>
	(k)	Litter Control	<input type="checkbox"/>
	(l)	Mud Tracking	<input type="checkbox"/>
	(m)	Liquid Restrictions for MSWLF Units	<input type="checkbox"/>
31.	811.108	<b>SALVAGING</b>	
	(a)	Salvaging Interferes with Operation	<input type="checkbox"/>
	(b)	Safe and Sanitary Manner	<input type="checkbox"/>
	(c)	Management of Salvagable Materials	<input type="checkbox"/>
32.	811.109	<b>BOUNDARY CONTROL</b>	
	(a)	Access Restricted	<input type="checkbox"/>
	(b)	Proper Sign Posted	<input type="checkbox"/>

33.	811.110	<b>CLOSURE AND WRITTEN CLOSURE PLAN</b>	
	(a)	Final Slopes and Contours	<input type="checkbox"/>
	(b)	Drainage Ways and Swales	<input type="checkbox"/>
	(c)	Final Configuration	<input type="checkbox"/>
	(d)	Written Closure Plan	<input type="checkbox"/>
	(e)	Initiation of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(f)	Completion of Closure Activities at MSWLF Units	<input type="checkbox"/>
	(g)	Deed Notation for MSWLF Units	<input type="checkbox"/>
34.	811.111	<b>POST-CLOSURE MAINTENANCE</b>	
	(a)	Procedures After Receipt of Final Volume of Waste	<input type="checkbox"/>
	(b)	Remove All Equipment of Structures	<input type="checkbox"/>
	(c)	Maintenance and Inspection of the Final Cover and Vegetation	<input type="checkbox"/>
	(d)	Planned Uses of Property at MSWLF Units	<input type="checkbox"/>
35.	811.112	<b>RECORDKEEPING REQUIREMENTS FOR MSWLF UNITS</b>	
	(a)	Location Restriction Demonstration	<input type="checkbox"/>
	(b)	Load Checking Requirements	<input type="checkbox"/>
	(c)	Gas Monitoring Records	<input type="checkbox"/>
	(d)	MSWLF Liquid Restriction Records	<input type="checkbox"/>
	(e)	Groundwater Monitoring Program Requirements	<input type="checkbox"/>
	(f)	Closure and Post Closure Care Requirements	<input type="checkbox"/>
	(g)	Cost Estimates and Financial Assurance Requirements	<input type="checkbox"/>
	<b>PART 811 SUBPART C</b>	<b>PUTRESCIBLE AND CHEMICAL WASTE LANDFILLS</b>	
36.	811.302	<b>FACILITY LOCATION</b>	
	(c)	Site Screening (Does Not Apply To Part 814-Subpart D Sites)	<input type="checkbox"/>
37.	811.309	<b>LEACHATE TREATMENT AND DISPOSAL SYSTEM</b>	
	(a)	General Requirements	<input type="checkbox"/>
	(c)	Standards for On-Site Treatment and Pretreatment	<input type="checkbox"/>
	(d)	Standards for Leachate Storage System	<input type="checkbox"/>
	(e)	Standards for Discharge to Off-Site Treatment	<input type="checkbox"/>
	(f)	Standards for Leachate Recycling Systems	<input type="checkbox"/>
	(g)	Standards for Leachate Monitoring Systems	<input type="checkbox"/>
38.	811.310	<b>LANDFILL GAS MONITORING (FOR SITES ACCEPTING PUTRESCIBLE WASTE)</b>	
	(b)	Location and Design of Gas Monitoring Wells	<input type="checkbox"/>
	(c)	Monitoring Frequency for Landfill Gas	<input type="checkbox"/>
	(d)	Monitoring Parameters	<input type="checkbox"/>
39.	811.311	<b>LANDFILL GAS MANAGEMENT SYSTEM (FOR CHEMICAL AND PUTRESCIBLE LANDFILLS)</b>	
	(a)	Conditions for Installation of Gas Management System	<input type="checkbox"/>
	(b)	Notification and Implementation Requirements	<input type="checkbox"/>
	(c)	Standards for Gas Venting	<input type="checkbox"/>
	(d)	Standards for Gas Collection	<input type="checkbox"/>

40.	811.312	<b>LANDFILL GAS PROCESS AND DISPOSAL SYSTEM</b>	
	(c)	No Unpermitted Gas Discharge	<input type="checkbox"/>
	(d)	Gas Flow Rate Measurements into Treatment of Combustion Device	<input type="checkbox"/>
	(e)	Standards for Gas Flares	<input type="checkbox"/>
	(f)	Standards for On-Site Combustion of Landfill Gas Using Devices Other Than Flares	<input type="checkbox"/>
	(g)	Gas Transported Off-Site	<input type="checkbox"/>
41.	811.313	<b>INTERMEDIATE COVER</b>	
	(a)	Requirements for the Application for Intermediate Cover	<input type="checkbox"/>
	(b)	Runoff and Infiltration Control	<input type="checkbox"/>
	(c)	Maintenance of Intermediate Cover	<input type="checkbox"/>
42.	811.314	<b>FINAL COVER SYSTEM (DOES NOT APPLY TO PART 814 SITES THAT HAVE CLOSED, COVERED AND VEGETATED PRIOR TO SEPTEMBER 18, 1990)</b>	
	(a)	General Requirements	<input type="checkbox"/>
	(b)	Standards for Low Permeability Layer	<input type="checkbox"/>
	(c)	Standards for Final Protective Layer	<input type="checkbox"/>
43.	811.316	<b>PLUGGING AND SEALING OF DRILL HOLES</b>	<input type="checkbox"/>
44.	811.321	<b>WASTE PLACEMENT</b>	
	(a)	Phasing of Operations	<input type="checkbox"/>
	(b)	Initial Waste Placement	<input type="checkbox"/>
45.	811.322	<b>FINAL SLOPE AND STABILIZATION</b>	
	(a)	Grade Capable of Supporting Vegetation and Minimizing Erosion	<input type="checkbox"/>
	(b)	Slopes Required to Drain	<input type="checkbox"/>
	(c)	Vegetation	<input type="checkbox"/>
	(d)	Structures Built over the Unit	<input type="checkbox"/>
46.	811.323	<b>LOAD CHECKING PROGRAM</b>	
	(a)	Load Checking Program Implemented	<input type="checkbox"/>
	(b)	Load Checking Program for PCB's at MSWLF Units	<input type="checkbox"/>
	(c)	Load Checking Program Components	<input type="checkbox"/>
	(d)	Handling Regulated Hazardous Wastes	<input type="checkbox"/>
	<b>PART 811 SUBPART D</b>	<b>MANAGEMENT OF SPECIAL WASTES AT LANDFILLS</b>	
47.	811.402	<b>NOTICE TO GENERATORS AND TRANSPORTERS</b>	<input type="checkbox"/>
48.	811.403	<b>SPECIAL WASTE MANIFESTS REQUIREMENTS</b>	<input type="checkbox"/>
49.	811.404	<b>IDENTIFICATION RECORD</b>	
	(a)	Special Waste Profile Identification Sheet	<input type="checkbox"/>
	(b)	Special Waste Recertification	<input type="checkbox"/>
50.	811.405	<b>RECORDKEEPING REQUIREMENTS</b>	<input type="checkbox"/>
51.	811.406	<b>PROCEDURES FOR EXCLUDING REGULATED HAZARDOUS WASTES</b>	<input type="checkbox"/>

	PART 811 SUBPART G	FINANCIAL ASSURANCE	
52.	811.700	COMPLY WITH FINANCIAL ASSURANCE REQUIREMENTS OF PART 811, SUBPART G	<input type="checkbox"/>
53.	811.701	UPGRADING FINANCIAL ASSURANCE	<input type="checkbox"/>
54.	811.704	CLOSURE AND POST-CLOSURE CARE COST ESTIMATES	<input type="checkbox"/>
55.	811.705	REVISION OF COST ESTIMATE	<input type="checkbox"/>
<b>SOLID WASTE FEE SYSTEM REQUIREMENTS</b>			
56.	Part 858 Subpart B	MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS WEIGHED (LIST SPECIFIC SECTION	<input type="checkbox"/>
57.	Part 858 Subpart C	MAINTAINED, RETAINED & SUBMITTED DAILY & MONTHLY SOLID WASTE RECORDS AND QUARTERLY SOLID WASTE SUMMARIES WHERE INCOMING WASTE IS NOT WEIGHED (LIST SPECIFIC	<input type="checkbox"/>
<b>OTHER REQUIREMENTS</b>			
58.	OTHER:	APPARENT VIOLATION OF: <input type="checkbox"/> PCB; <input type="checkbox"/> CIRCUIT COURT CASE NUMBER: ORDER ENTERED ON:	<input type="checkbox"/>
59.			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Informational Notes

1. [Illinois] Environmental Protection Act: 415 ILCS 5/4.
2. Illinois Pollution Control Board: 35 Ill. Adm. Code, Subtitle G.
3. Statutory and regulatory references herein are provided for convenience only and should not be construed as legal conclusions of the Agency or as limiting the Agency's statutory or regulatory powers. Requirements of some statutes and regulations cited are in summary format. Full text of requirements can be found in references listed in 1. and 2. above.
4. The provisions of subsection (o) of Section 21 of the [Illinois] Environmental Protection Act shall be enforceable either by administrative citation under Section 31.1 of the Act or by complaint under Section 31 of the Act.
5. This inspection was conducted in accordance with Sections 4(c) and 4(d) of the [Illinois] Environmental Protection Act: 415 ILCS 5/4(c) and (d).
6. Items marked with an "NE" were not evaluated at the time of this inspection.

**Illinois Environmental Protection Agency**  
Bureau of Land ♦ Field Operations Section ♦ Champaign

LPC#0390055036—DeWitt County  
Clinton/Clinton Landfill #3  
FOS File  
April 28, 2014 Inspection  
Inspector: Dustin Burger  
GIS Information from BOL Inventory: N40.11507 W-88.9589

**Narrative Inspection Report**

I conducted a routine inspection at the above referenced facility on April 28, 2014. This inspection was conducted to determine the regulatory status and evaluate compliance with the Environmental Protection Act (Act) and Title 35 Illinois Administrative Code, Subtitle G: Land Pollution (Regulations). Dave Bryant, the Site Manager, accompanied me during the visit. Eight photos were taken of Unit #3. The weather was mostly cloudy with mild winds from the southeast, and temperatures in the 50s. The weather since the last inspection would generally be described as a wet, cool spring.

**Site Inspection**

When I arrived at the landfill I checked in at the landfill office. Mr. Bryant was not present in the office, so I drove to the scalehouse, where Dave met me. While at the scalehouse I checked through the several manifests, including one for a tanker truck that was on the scales while I was present. The tanker truck had contained sludge from the clean-out of an oil/water separator at the Clinton Nuclear Power Station. The waste contained water and sediment from the bottom of the separator tank and was designated for solidification and disposal in Unit #3. It could not be certified as non-special wastes since it was a pollution control waste, and could not pass a paint filter test.

The genre of wastes that requires a special waste manifest is fairly small compared to the overall amount of waste received at the landfill. Historically, special wastes were a classification placed in Illinois law to regulate hazardous wastes before there were any federal hazardous waste regulations. At the time the category was created, any industrial process waste was considered a special waste and required an individual wastestream authorization permit from the Agency before disposal. The special waste category was narrowed when Federal government regulated the category of hazardous wastes and excluded them from landfills. The special waste authorization process was overly burdensome and was changed in facility's permits to allow the landfill to authorize the landfill to accept special wastes on a generic basis if the waste met the requirements in the facility's permit.

Now the category of special wastes has been further narrowed. Section 22.48 of the Illinois Environmental Protection Act ("Act") excludes certain non-liquid, non-



hazardous industrial-process and pollution-control wastes from the definition of special waste, provided that generators certify that these wastes meet all the requirements of Section 3.475(c)(1).

Any business generating non-liquid, non-hazardous industrial-process or pollution-control waste has the potential to certify that these wastes can be disposed of as non-special waste.

Section 22.48 of the Act stipulates certification must include the generator's verification that the waste:

1. is not hazardous
2. is not a liquid (as determined by paint-filter test SW-846 Method 9095)
3. is not regulated asbestos-containing material as defined in 40 Code of Federal Regulations, Section 61.141
4. does not contain polychlorinated biphenyls (PCBs) regulated in accordance with 40 Code of Federal Regulations, Part 761
5. is not formerly hazardous waste rendered non-hazardous
6. and does not result from shredding recyclable metals (e.g. auto fluff).

Additionally, each certification must have attached:

1. a statement explaining how the generator determined the waste is neither hazardous nor liquid
2. a description of the process that generated the waste
3. any relevant material safety data sheets
4. and results from analytical testing (signed and dated by the person who completed the analysis), or an explanation why testing was not needed

Many of the wastestreams that were formerly considered special wastes have had the above determinations to now be considered declassified as special wastes.

At Clinton Landfill, several of its largest industrial wastestreams from its biggest customer have been certified as non-special wastes. This would include many food-based byproducts from customers such as Tate & Lyle and ADM. Wastes such as waste corn starch, humin cake, filter aid from filtering vegetable oils, bed ash, etc. are not toxic and do not need any special handling.

The biggest waste streams that are still considered special wastes are those that do not meet the paint filter tests and need solidification. The oil/water separator sludge I observed entering the landfill is an example. Others include wastewater sludges from the clean-out of pipes or tanks at facilities such as ADM or municipal wastewater treatment plants. Other common special wastes include contaminated soils from leaking underground storage tank (LUST) sites and dusts from metal foundries. The facility

submitted its Special Waste Annual report to the Agency which was received on January 27, 2014 and is attached to this report. The report lists the 37 facilities from which Clinton Landfill has received waste and the waste totals from each generator.

When we left the scalehouse we drove to the active area located in cell 5A1. We watched several trucks unload (photos 1 & 5). In addition to several regular municipal waste trucks, one truck carried waste starch from Tate & Lyle, another enclosed semi-trailer carried huge rolls of fiberglass from Fibertech in Danville, Illinois. The fiberglass looks like a an enormous roll of white plastic that is used to back shingles/ It bears no resemblance to the fluffy pink stuff you see in house insulation. The semi-trailer carrying the fiberglass used the truck tipper to unload its waste. Bryant said Fibertech was now the only customer to use the tipper, as the landfill lost the contract with the company that formerly used the tipper to unload transferred municipal waste.

I did not see any banned waste, such as electronics, landscape wastes, or tires in any of the loads. The area around the active area was well covered with no exposed waste. No litter was present in the area.

East of the active area the facility was beginning to excavate for what will eventually be Cell 5B (photos 2 & 6). The cell is slated to be complete that the end of the 2014 construction season. The cell is slated to be built in late summer/early fall, but overburden soil was still being excavated, although at a slower pace than my previous inspection. Bryant estimated there is another 15 feet of soil that will need to be removed before the floor is at bottom grade.

The waste solidification area on top of Cell 1C was not being used during the inspection (photo 3). The truck I observed leaving the facility had just emptied its contents into the container, but it was not yet being mixed with reagent to soak up the moisture. The area around the solidification area was now free of blowing particles from the solidification process. During my last inspection I had noted that dust had blown from the piles of wetted ash onto the side slope of the landfill. The landfill responded to this concern by making sure the end product was wet enough it would not blow, but would still pass the paint filter test. The permit requires that a berm be placed around the solidification area. A small berm to prevent liquids from escaping is present. A larger one could mitigate any blowing dust.

The trees and sedimentation pond on the north side of the facility were free from litter.

The landfill has installed the piping and leachate knock-out tank for a new gas header for the landfill gas collection system (photo 4). Seven new gas wells and a larger flare will also be installed.

The gas flare was lit and working properly. The flare burns a little over 100 cubic feet of landfill gas per minute. As a comparison, the gas engines at the gas-to-energy plant serving Unit #2 can burn 900 cubic feet per minute. The plan is to switch the flares from Units #2 and #3. The smaller flare rated at 350 cubic feet per minute can serve Unit#2 as

a backup to the gas-to-energy plant. The facility has seen the gas production at Unit #2 go down over time. The large flare rated at 750 cubic feet per minute (cfm) will be installed at Unit #3, which, with the installation of seven new gas wells, is expected to produce landfill gas at a rate of 400-450 cfm.

We then drove to the Chemical Waste Unit (CWU). I asked Mr. Bryant if the CWU was being used much. He said since winter they had not received any Manufactured Gas Plant (MGP) waste in the unit since my last inspection. He added that the non-MGP wastestream designated for the unit, a fluoride salt from 3M Corporation was now being received again in the CWU as the plant that produces the material was back up and working again.

The waste in the CWU cell was adequately covered by cover soils. I took two photos of the area (photo 7 & 8). The eastern half of the cell was still unused and had the protective plastic cover in place over the cell to prevent rainwater or snowmelt from entering the leachate collection system.

Currently the landfill is not solidifying the leachate from the CWU, finding it was taking up too much airspace with the resulting solids. The leachate is instead hauled to Peoria Disposal Company (PDC) #1 for treatment in their wastewater treatment facility.

### **Permitting**

The facility is operating under permit 2005-070-LF, which expires on February 15, 2017. The permit renewal application was granted in Modification 29 on July 7, 2012. The permit includes a 157.451 acre waste disposal area with a gross airspace of 32,014,225 cubic yards. At current waste disposal rates, the space is estimated to last 45 years.

Permit Modification 45 issued on April 28, 2013. This modification approved the alternate source demonstration for 3<sup>rd</sup> and 4<sup>th</sup> quarter 2012 confirmed exceedences and 3<sup>rd</sup> Q 2013 select exceedences. This is the last permit modification on file.

The estimate for closure of the current landfill's 29 acres of municipal solid waste disposal and 6.14 acres comprising the CWU is \$10,475,467. This value includes \$4,591,217 for premature closure, and \$5,844,250 for post-closure care. The landfill currently has \$10,932,021 in posted financial assurance.

### **Records Review**

The facility has 60 groundwater monitoring wells installed. Fifteen upgradient and 45 downgradient wells monitor the four groundwater zones beneath the landfill. There have been no new groundwater reports imaged and available for review since my last inspection.

For the latest, groundwater information, I will refer the reader to the extensive April 1-2, 2014 groundwater inspection report prepared by Jeff Tuner. Jeff Turner, the Agency's

Regional Geologist, split samples from four wells during the first quarter of 2014 after delays due to frozen wells. Mr. Turner compiled a complete listing of every groundwater exceedence, whether the exceedence has been confirmed, and the permit number that has addressed the exceedence. The final conclusion of the report is that there were no outstanding groundwater violations at the site.

The landfill disposes of leachate in one of three ways. First, the liquids can be recirculated. Unit #3 does not yet have a recirculation systems installed. Second, leachate and landfill gas condensate can be solidified with ash and disposed as solid waste. Thirdly, leachate can be hauled off site for disposal. MSW leachate is hauled to Bloomington-Normal Water Reclamation District, while the CWU leachate is manifested to Peoria Disposal Company's PDC #1 wastewater plant where it is pre-treated and discharged to the Peoria Sanitary District. A summary of the landfill's leachate management with total amounts handled are attached to this report.

### **Summary of Apparent Violations**

No violations were noted during the inspection



Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036–DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: West  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-001.jpg  
COMMENTS: Active area



DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southeast  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-002.jpg  
COMMENTS: Cell 5 B under  
development



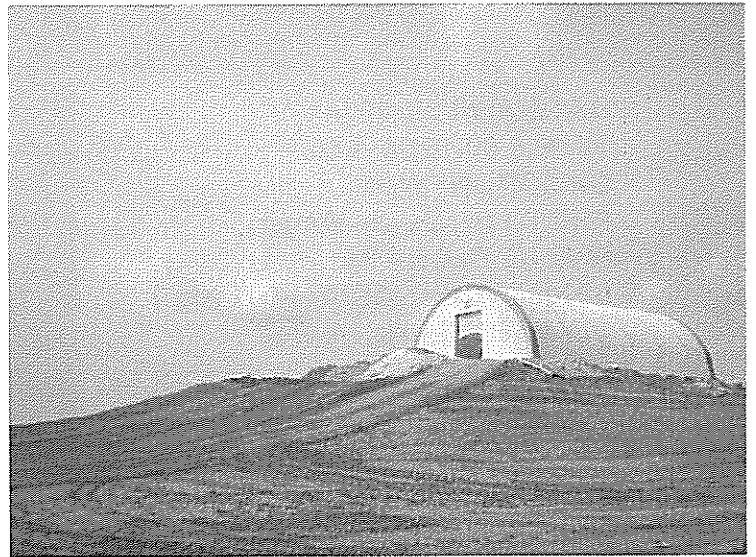


Illinois Environmental Protection Agency  
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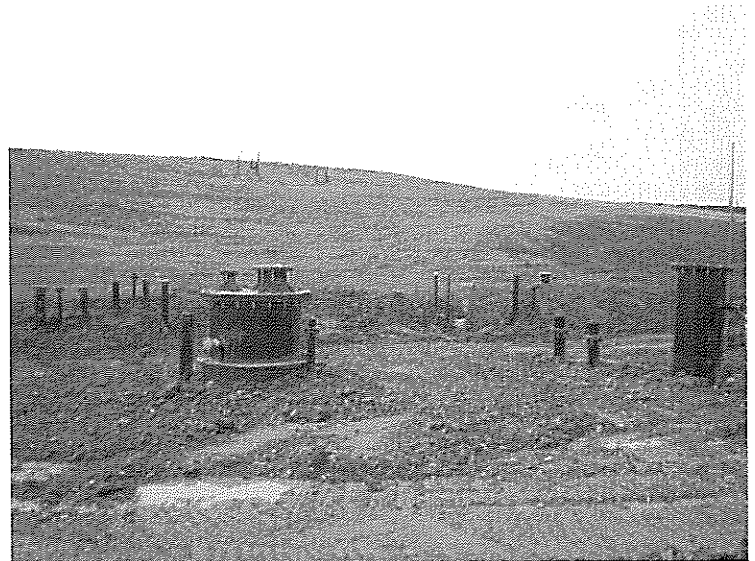
## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036--DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southeast  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-003.jpg  
COMMENTS: solidification area



DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southeast  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-004.jpg  
COMMENTS: Gas header and condensate  
knock out tank installed





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036--DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: East  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-005.jpg  
COMMENTS: Active area



DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-006.jpg  
COMMENTS: Cell 5B under  
development





Illinois Environmental Protection Agency  
Bureau of Land

## ***DIGITAL PHOTOGRAPHS***

LPC #0390055036–DeWitt County  
Clinton/Clinton Landfill #3  
FOS File

DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-007.jpg  
COMMENTS: Chemical waste unit



DATE: April 28, 2014  
TIME: 9:00-10:00 A.M.  
DIRECTION: Southwest  
PHOTO by: Dustin Burger  
PHOTO FILENAME:  
0390055036~04282014-008.jpg  
COMMENTS: CWU overview

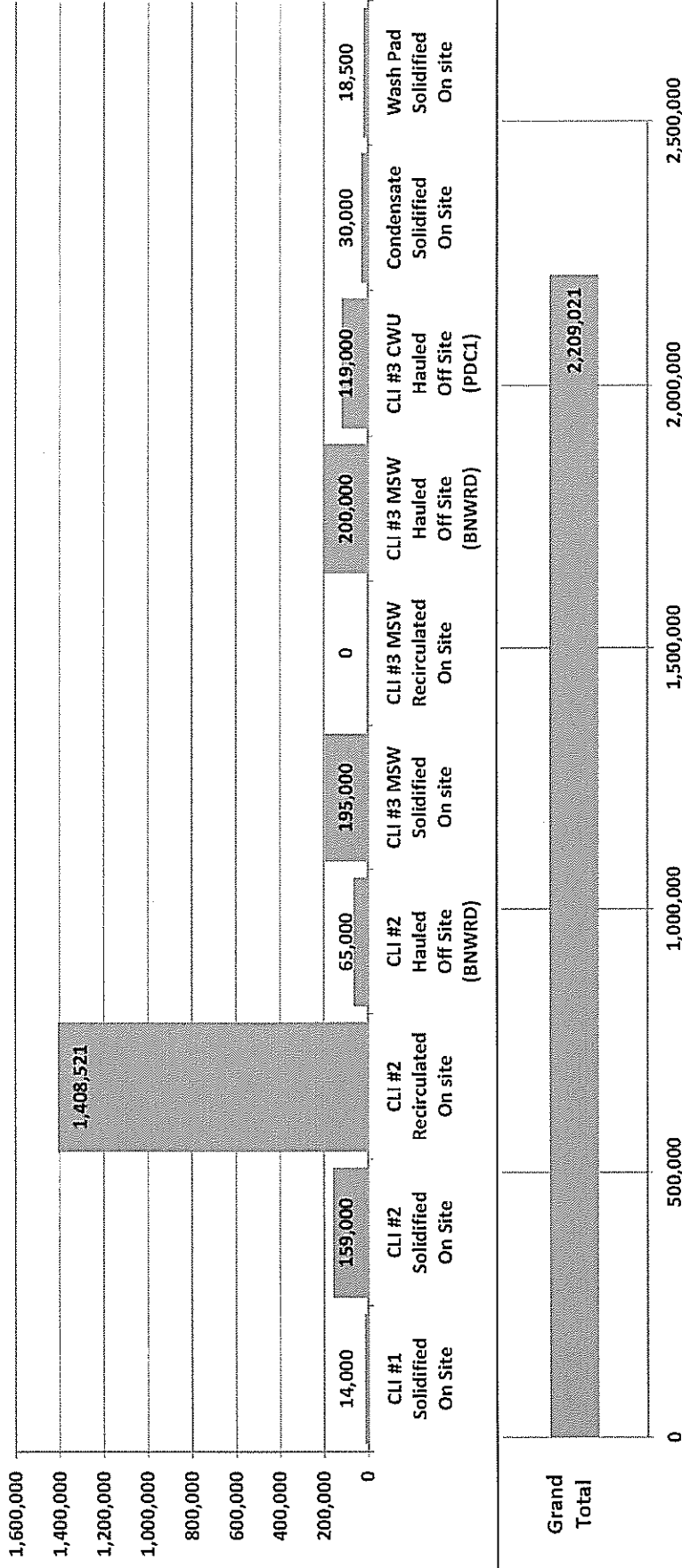






# Clinton Landfill, Inc. Leachate Management Summary Annual 2014 (Gallons)

BNWRD = Bloomington Normal Water Reclamation Department, Heyworth IL  
PDC1 = Peoria Disposal Companies, PDCI Facility, Peoria IL





# Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois 62794-9276

DIVISION OF RECORDS MANAGEMENT  
REC/FASAR/F

## Illinois Nonhazardous Special Waste Annual Report Site Information Form

APR 16 2014

(This form must be completed for each site that submits an annual report)

NOTE: Please complete this form online, save a copy locally, print and enter the required signatures with original signatures to: **REVIEWER JKS**

**RECEIVED**

JAN 27 2014

Illinois Environmental Protection Agency  
Waste Reduction and Compliance Section #24  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, IL 62794-9276

OVERNIGHT MAILING ADDRESS:  
1021 North Grand Avenue East  
Springfield, Illinois 62702

IEPA/BOL/WRCS

### Site Information

Reporting Year: 2013

Site IEPA BOL Inventory ID #: 0390055036

Site Name: Clinton Landfill No. 3 Site P.O. Box: \_\_\_\_\_

Site Street Address: 9550 Heritage Road

Site City: Clinton State: IL Zip Code: 61727 Site Telephone: 217-935-8028

Check the following, if applicable: If Checked, no other forms are required to be completed.

Facility TSDR - No nonhazardous special waste was received at this TSDR Facility in this reporting year

### Site Mailing Address Information

Company: Clinton Landfill, Inc. Telephone: 309-495-1551

Contact Person: Ron Welk

Street Address: \_\_\_\_\_ P.O. Box: 9071

City: Peoria State: IL Zip Code: 61612-9071

### Annual Report Certification

The owner, operator or an authorized representative must sign and date this certification.

*Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))*

I certify under penalty of law that I have examined and am familiar with the information submitted in this and any attached continuation sheets or other attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate and complete, I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Ronald J. Welk

309-495-1551

Printed Name

Telephone

Ronald J. Welk  
Signature

01-27-2014

Date

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed \$50,000 for the violation and an additional civil penalty of not to exceed \$10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

*M*



# Illinois Environmental Protection Agency

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## Illinois Facility Nonhazardous Special Waste Annual Report

Reporting Year: 2013

TSDR Facility IEPA BOL Inventory ID #: 0390055036

Site Name: Clinton Landfill No. 3

Site Street Address: 9550 Heritage Road

Site P.O. Box: \_\_\_\_\_

Site City: Clinton

State: IL

Zip Code: 61727

Site Telephone: 217-935-8028

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA BOL Inventory ID #	Waste Code	Quantity	Unit of Measure (use Comments If Other)
A.	09	ADM EAST PLANT 4666 FAIRIES PARKWAY DECATUR, IL 62526	1150155061	18	10,500	Gallons
Comments						
B.	09	EATON ELECTRICAL 1725 1200TH AVE. LINCOLN, IL 62656	1070350005	19	55	Gallons
Comments						
C.	09	EATON ELECTRICAL 1725 1200TH AVE. LINCOLN, IL 62656	1070350005	15	165	Gallons
Comments						
D.	09	BRANDT CONSOLIDATED 211 W. ROUTE 125 PLEASANT PLAINES, IL 62677	1670905018	19	5,720	Gallons
Comments						
E.	09	CATERPILLAR 1300 4H PARK ROAD PONTIAC, IL 61764	1050600003	15	6,400	Gallons
Comments						
F.	09	CATERPILLAR 500 N. MORTON AVE. MORTON, IL 61550	1790500002	15	600	Gallons
Comments						
G.	09	EXELON GENERATION 8401 POWER ROAD CLINTON, IL 61727	0398040001	15	33,000	Gallons
Comments						
H.	09	CNH 600 E. PEORIA GOODFIELD, IL 61742	2034450001	14	78,300	Gallons
Comments						
I.	09	DEPUE GROUP DEPOT & MARQUETTE DEPUE, IL 61322	0110305006	19	615	Cubic Yards
Comments						
J.	09	DYNACHEM MAPLEGROVE ROAD GEORGETOWN, IL 61846	1838060003	03	212	Cubic Yards
Comments						



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Site City: Clinton

State: IL

Zip Code: 61727

Site Telephone: 217-935-8028

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA BOL Inventory ID #	Waste Code	Quantity	Unit of Measure (use Comments if Other)
A.	<u>09</u>	<u>EATON ELECTRICAL</u> <u>1725 1200TH AVE.</u> <u>LINCOLN, IL 62656</u>	<u>1070350005</u>	<u>19</u>	<u>20</u>	<u>Cubic Yards</u>
Comments						
B.	<u>09</u>	<u>EATON ELECTRICAL</u> <u>1725 1200TH AVE.</u> <u>LINCOLN, IL 62656</u>	<u>1070350005</u>	<u>19</u>	<u>3,000</u>	<u>Gallons</u>
Comments						
C.	<u>09</u>	<u>EQUISTAR CHEMICALS</u> <u>625 E. US HWY 36</u> <u>TUSCOLA, IL 61953</u>	<u>0418080002</u>	<u>15</u>	<u>313,039</u>	<u>Gallons</u>
Comments						
D.	<u>09</u>	<u>EQUISTAR CHEMICALS</u> <u>625 E. US HWY 36</u> <u>TUSCOLA, IL 61953</u>	<u>0418080002</u>	<u>14</u>	<u>5,400</u>	<u>Gallons</u>
Comments						
E.	<u>09</u>	<u>EQUISTAR CHEMICALS</u> <u>625 E. US HWY 36</u> <u>TUSCOLA, IL 61953</u>	<u>0418080002</u>	<u>14</u>	<u>180</u>	<u>Cubic Yards</u>
Comments						
F.	<u>09</u>	<u>FLSMIDTH EXCEL LLC</u> <u>14425 WAGON SELLER ROAD</u> <u>PEKIN, IL 61554</u>	<u>1794735113</u>	<u>18</u>	<u>2,600</u>	<u>Gallons</u>
Comments						
G.	<u>09</u>	<u>G&amp;D INTEGRATED</u> <u>9000 N. UNIVERSITY AVE.</u> <u>PEORIA, IL 61615</u>	<u>1430655088</u>	<u>18</u>	<u>1,200</u>	<u>Gallons</u>
Comments						
H.	<u>09</u>	<u>SOLAZYME MANUFACTURING</u> <u>910 NE ADAMS</u> <u>PEORIA, IL 61603</u>	<u>1430655831</u>	<u>18</u>	<u>43,362</u>	<u>Gallons</u>
Comments						
I.	<u>09</u>	<u>SOLAZYME MANUFACTURING</u> <u>910 NE ADAMS</u> <u>PEORIA, IL 61603</u>	<u>1430655831</u>	<u>18</u>	<u>1,350</u>	<u>Gallons</u>
Comments						
J.	<u>09</u>	<u>PRAIRIE FARMS DAIRY</u> <u>757 N. MORGAN ST.</u> <u>DECATUR, IL 62521</u>	<u>1150155235</u>	<u>11</u>	<u>1,300</u>	<u>Gallons</u>
Comments						



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## Illinois Facility Nonhazardous Special Waste Annual Report

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Site Street Address: 9550 Heritage Road

Site P.O. Box: \_\_\_\_\_

Site City: Clinton

State: IL

Zip Code: 61727

Site Telephone: 217-935-8028

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA BOL Inventory ID #	Waste Code	Quantity	Unit of Measure (use Comments if Other)
A.	09	MUELLER COMPANY 1226 E. GARFIELD DECATUR, IL 62526	1150155049	02	280	Cubic Yards
Comments						
B.	09	MUELLER COMPANY 1226 E. GARFIELD DECATUR, IL 62526	1150155049	03	259	Cubic Yards
Comments						
C.	09	MUELLER COMPANY 1226 E. GARFIELD DECATUR, IL 62526	1150155049	02	883	Cubic Yards
Comments						
D.	09	PAUL'S MACHINE & WELDING 650 N. SYCAMORE VILLA GROVE, IL 61956	0410355022	18	3,500	Gallons
Comments						
E.	09	PEOPLES GAS LIGHT & COKE CO. 230 COUNTY ROAD 2800 N FISHER, IL 61843	0190155002	15	165,500	Gallons
Comments						
F.	09	PTC ALLIANCE 23041 E. 800 N ROAD FAIRBURY, IL 61739	1050355001	15	20	Cubic Yards
Comments						
G.	09	QUAKER OATS COMPANY 1703 E. VOORHEES DANVILLE, IL 61832	1830205005	10	10,000	Gallons
Comments						
H.	09	SOLAZYME MANUFACTURING 910 NE ADAMS PEORIA, IL 61603	1430655831	18	137,600	Gallons
Comments						
I.	09	SOLAZYME MANUFACTURING 910 NE ADAMS PEORIA, IL 61603	1430655831	18	8,000	Gallons
Comments						
J.	09	SPECTRUM BRANDS 2851 PORTAGE ROAD PORTAGE, WI 53901	9550215557	03	3,025	Gallons
Comments						



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Site City: Clinton

State: IL

Zip Code: 61727

Site Telephone: 217-935-8028

Record Field	Management Code	Generator Name & Address (Address must match ID #)	Generator IEPA BOL Inventory ID #	Waste Code	Quantity	Unit of Measure (use Comments if Other)
A.	09	BRIDGESTONE 1600 FT. JESSE ROAD NORMAL, IL 61761	1130900008	15	6,800	Gallons
Comments						
B.	09	TATE & LYLE 2200 E. ELDORADO DECATUR, IL 62521	1150150032	11	52	Gallons
Comments						
C.	09	ADM CORN PROCESSING 4666 FARIES PARKWAY DECATUR, IL 62521	1150155136	18	5,100	Gallons
Comments						
D.	09	ADM TRUCKING 2501 N. BRUSH COLLEGE ROAD DECATUR, IL 62526	1150155116	15	2,000	Gallons
Comments						
E.	09	TRANSPORT SERVICE 925 E. PERSHING DECATUR, IL 62526	1150150027	10	1,500	Gallons
Comments						
F.	09	AIR LIQUIDE PEVELY 1550 SAINT GOBAIN DRIVE PEVELY, MO 63070	9290019999	14	55	Gallons
Comments						
G.	09	AIR LIQUIDE PEVELY 1550 SAINT GOBAIN DRIVE PEVELY, MO 63070	9290019999	15	110	Gallons
Comments						
H.						
Comments						
I.						
Comments						
J.						
Comments						



# Illinois Environmental Protection Agency

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## Illinois Facility Nonhazardous Special Waste Annual Report Hauler Information

Reporting Year: 2013

TSDR Facility IEPA BOL Inventory ID#: 0390055036 Site Name: Clinton Landfill No. 3  
Site Street Address: 9550 Heritage Road Site P.O. Box: \_\_\_\_\_  
Site City: Clinton State: IL Zip Code: 61727 Site Telephone: 217-935-8028

Record Field	Hauler Permit ID Number	Hauler Name	Hauler Address City, State and Zip Code
A.	2183	AREA DISPOSAL SERVICE, INC.	9550 HERITAGE ROAD CLINTON, IL 61727
Comments			
B.	5166	BODINE SERVICES, INC.	5330 FIREHOUSE ROAD DECATUR, IL 62521
Comments			
C.	0388	BODINE ENVIRONMENTAL SERVICE	5350 FIREHOUSE ROAD DECATUR, IL 62521
Comments			
D.	5183	BODINE SERVICES OF PEORIA	4203 CONSTITUTION ROAD BARTONVILLE, IL 61607
Comments			
E.	0028	MIDWEST SANITARY SERVICE	333 N. OLD ST. LOUIS ROAD WOOD RIVER, IL 62095
Comments			
F.	5256	ILLINI ENVIRONMENTAL, INC.	8895 CALIFORNIA DRIVE CASEYVILLE, IL 62232
Comments			
G.	5234	MID-AMERICA WASTE SOLUTIONS	4204 COUNTY LANE 118 CARTHAGE, MO 64836
Comments			
H.	0049	SET ENVIRONMENTAL	450 SUMAC ROAD WHEELING, IL 60090
Comments			